

Amendment

A list of pending claims follows:

1. (currently amended) An electrostatic precipitator comprising a conduit for the passage of particles in an air flow and means generating an electrostatic field, substantially orthogonal to the air flow, and an ion supply, capable of charging said particles, in which the generating means comprise a point electrode and a two dimensional surface electrode, wherein the two dimensional surface electrode comprises an ion source and the point electrode comprises a counter electrode and in that the counter electrode is earthed, and further wherein the conduit comprises a hollow cylinder and the two dimensional surface electrode is adapted to cover at least a part of the inner surface thereof.

2. cancelled

3. (currently amended) An electrostatic precipitator comprising a conduit for the passage of particles in an air flow and means generating an electrostatic field, substantially orthogonal to the air flow, and an ion supply, capable of charging said particles, in which the generating means comprise a point electrode and a two dimensional surface electrode, wherein the two dimensional surface electrode comprises an ion source and the point electrode comprises a counter electrode and in that the counter electrode is earthed, and further wherein~~A precipitator~~

~~according to Claim 1, in which~~ the conduit is a hollow parallelepiped and the two dimensional surface electrode is adapted as a plurality of single polarity electrodes on one or more inner surfaces of the conduit.

4. (previously presented) A precipitator according to Claim 1, in which the counter electrode is co-axially mounted with the conduit.

5. (currently amended) A precipitator according to Claim 51, in which the counter electrode comprises a wire, pin or rod.

6. (previously presently) A precipitator according to Claim 1, in which the two dimensional surface electrode comprises a plasma charger.

7. (previously presented) A precipitator according to Claim 1, in which the air flow is substantially free from turbulence.

8. (previously presented) A precipitator according to Claim 1, comprising second means generating an electrostatic field.

9. (currently amended) An electrostatic precipitator comprising a conduit for the passage of particles in an air flow, first means generating an electrostatic field, substantially orthogonal to the air flow, second means generating an electrostatic field, and an ion supply,

capable of charging said particles, in which the first generating means
comprise a point electrode and a two dimensional surface electrode,
wherein the two dimensional surface electrode comprises an ion source
and the point electrode comprises a counter electrode and in that the
counter electrode is earthed, and wherein the A precipitator according
to Claim 8, in which the second generating means comprise a second
point electrode co-axially mounted with the conduit.

10. (original) A precipitator according to Claim 9, in which the second generating means further comprises a ring electrode or a plurality of single polarity ring electrodes.

11. (original) A precipitator according to Claim 10, in which the second point electrode is an earthed electrode.

12. (currently amended) A precipitator according to Claim ~~4~~8, further comprising means for delivery of a liquid to one ~~or other~~ or both of the point ~~electrodes~~electrode or the second point electrode.

13. (currently amended) A precipitator according to Claim 12, in which ~~the one or other or both electrodes~~of the point electrode or the second point electrode ~~comprise~~ a liquid delivery channel.

14. cancelled